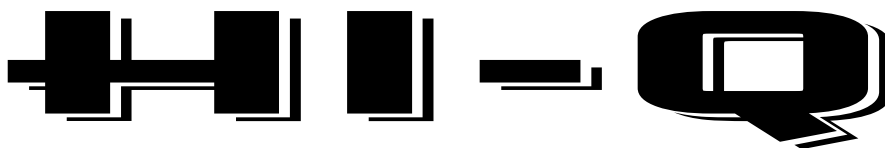




Journal of the Lakehead Amateur Radio Club



Thunder Bay, Ontario

Volume 88

October 2022

Issue 08

The Prez says:

It is October and fall is upon us. The September elections are over and we have a new executive. After having completed year 1 as your president, I feel blessed that you trust me enough to help guide us into 2023. I have had a chance to discuss various thoughts with my fellow executive members, as well as other hams and I am happy to say that our LARC will undergo some pleasant changes. First of all, we are going to use the executive meetings to deal with our dirty laundry and all the logistical stuff that needs to be addressed. All this will be published in our club's publication HI-Q for the membership to chime in on during the regular monthly meeting. This should take a maximum of 10 minutes or less (remember we still have to pass expenditures of \$250 or more with the membership). Any new ideas or discrepancies can be brought forward at the next executive meeting (Executive meetings are open to all members of the LARC). This means that our monthly meetings are reserved for fun stuff, such as a round table, presentations, show and tell, projects (building something), etc. Check here in HI-Q to see a meeting Agenda.

**** This month will feature a small swap meet (so bring some of your old junk, that you want to trade or sell during the meeting) ***** - Also bring some \$\$\$\$ for the swap meet

Also, note that the advanced course is in full swing at VE3FRH on Tuesday evenings from 19:00 – 21:00, if you feel that you have something to contribute, feel free and drop by, even if it is just to have a cup of coffee.

See you all at the meeting,
73 de Eric Todd VE3XET
President

October Meeting Agenda

18:30 Meet and Greed (swap meet)
18:45 – 19:00 Round table
19:00 Official start of the meeting
19:00 – 19:15 Overview of NEW MEETING format
19:15 – 19:45 Presentation (Summer Field Day - Quetico Expedition)
19:45 – 20:00 BREAK (swap meet)
20:00 – 20:30 Project Brain Storm & X-Mas Party details
20:30 Adjourn to Boston

5 MHz allocations in Southern Africa

SARL News reports Namibia, eSwatini, Mozambique and Zimbabwe all have the WRC-15 5 MHz band allocation, while Kenya has 5275-5450 kHz
South Africa has an allocation of 5350 kHz to 5450 kHz and 5290 kHz for WSPR beacons. Namibia, eSwatini, Mozambique and Zimbabwe have the WRC-15 allocation of 5351.5 kHz to 5366.5 kHz using 15 W EIRP.
Kenya has 5275 kHz to 5450 kHz on a secondary basis.
-- SARL

Comoros Islands DXpedition D60AE

The F6KOP Radio Club will be active from Comoros Islands (AF-007) between October 5-17th. Activity will be on 160-10 meters using CW, SSB, RTTY, PSK and FT8.

CW: up 1-5; RTTY: up 1-10; SSB: up 5-15; FT8: Fox/Hound mode * On 160m, they will listen down for JA and up for others. * When working FT8, they will use Fox/Hound mode only QSL via F5GSJ, direct, by the Bureau, LoTW or OQRS. A Web page is available at: <https://comores2022.wordpress.com>



LARC SENATE

Robert Hansen VE3RVA
Dave Kimpton VE3AVS
Lindo Scalese VE3NHX
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

President Eric Todd VE3XET
Vice-President James St Cyr VE3OPD
Secretary Stephan Burns VE3SJB
Treasure Stephan Burns VE3SJB
Director Axel Rehfuhs VE3OPF
Director Wayne Letang VE3WRL
Director John Grandell VA3WJX
Director To be elected at next meeting

TBay Emergency Coordinator

Brad Harris VE3MXJ

ACS Amethyst District Emergency Coordinator

Warren Paulson, VE3FYN

CANWARN

Public Service Events

Accredited Examiners

VE3FAL Fred Lesnick 577-0789
flesnick@tbaytel.net
VE3VAI Lori Bedford (807) 630-7688
lbedford@tbaytel.net

2022

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. . Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hqnewsletter@gmail.com

**Amethyst District Auxiliary Communications Service
Providing emergency communications
for Northwestern Ontario**

Northwestern Ontario ARES Simulated Emergency Test

(S.E.T.)

SATURDAY NOVEMBER 19, 2022

from 0900 to 1300 ET
(1400 to 1800 UTC)

*more information to follow
any questions? contact Brad at 807-474-6246*

Brad VE3MXJ CEC

A.R.E.S. Emergency Coordinator (E.C.) for the City of Thunder Bay, ON in the Amethyst District

**Minutes for the
Lakehead Amateur Radio Club**

Date: September 8, 2022 on Zoom & Confederation College ACE building

President, Eric Todd VE3XET Presiding.

Zoom – Meet and greet! Starts at 6:30 pm EST
After some technical issues we got underway late....

Guest Speaker - None

Elections Results

Elections were held by a show of hands

President Eric Todd VE3XET

Vice-President James St Cyr VE3OPD

Secretary Stephan Burns VE3SJB

Treasure Stephan Burns VE3SJB

Director Axel Rehfuhs VE3OPF

Director Wayne Letang VE3WRL

Director John Grandell VA3WJX

Director To be elected at next meeting

Treasurer's Report: Randy VE3WBW

No Report Submitted

Treasurer's report for June to Sept deferred to October 2022

Secretary's Report:

Printed in Hi-Q

Motion #1 - Karl Hamilton VE3RRP - To remove Randy McAllister as outgoing treasurer from signing privileges from LARC bank account and Give new signing privileges to James St Cyr

Seconded by John Grandell VA3WJX - Passed all in favor

Old Business:

Public Service - Chis Chadwick VA3ZU - Stepping down from public service position

Past Events: none

Upcoming Events: none

Thunder Bay ACS (formerly known as ARES): Brad Harris VE3MXJ, T. Bay EC

Weekly HF net Wednesdays 5 PM ET 3675KHz & Sunday net on VA3OJ's repeater

RAC website has said there will be no SET simulated emergency test but updated will be on the website for next year. Brad will be putting something together locally September 18, 2022 1200 - 1700 EST. Visit

ve3rib.ca to see further information on local nets. Stephan will be keeping Brad updated on ACS interested members as memberships come in.

Repeater News: Technical Committee

10M Repeater - DOWN - Receiver issues to be worked on and expecting it back on the air soon.

VE3YQT – UP – Limited range - Inspections are to happen on the tower and waiting on further information from Dougal Media.

VE3TBR – APRS/VHF/UHF DOWN - Exciter issues being resolved. Ongoing work to the equipment to get completely operational. A temporary repeater may be put up on VHF to get it operational.

VE3BGA – VHF - UP - UHF 442.825+ No Tone - Repeater is back up on Loch Lomond with good coverage since its move.

VE3UPP – UP

Club Activities Coordinator : Eric Todd VE3XET

Awards Coordinator: On hold (Ed B.)

Sister Club: Randy VA3OJ, Randy Miller VE7CRX

LARC IT Team

RAC Insurance - Stephan and Eric have started filling out insurance forms this summer.

Membership Dues - Deferred to October 2022

Audit - Karl and Ed to be completed once Stephan get them the information required

New antenna at the TBR transmitter site has been installed and WesTower has donated the required Heliac cable for the new antenna. A letter of thanks will be sent to WesTower.

New Business

Zoom account expired over the summer and Eric VE3XET made the required payment so we can continue to use it. Eric will submit a receipt for reimbursement. VE3SAO will pay their portion of the bill when its due.

Eric VE3XET to submit a receipt for the portapoty used at Field Day 2022 for reimbursement

Motion to Adjourn Chris Chadwick VA3ZU

Adjournment

Next Executive Meeting: October 6, 2022 7 PM

Next LARC Meeting:

Lakehead Amateur Radio Club - September 2022 Treasurer Report
as of September 28, 2022

Chequing Account

Opening Balance	\$5,574.64
Incoming	
Cheque	\$113
Dues	\$440
Expences	
None	\$0
Closing Balance	\$6,127.64
Not Deposited	
Dues	\$490.00
Balance	\$6,617.64

Trailer Account

Balance	\$1,115.46
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Short Term Deposit

Interest	\$1.88
Balance	\$2,084.10

Stephan Burns VE3SJB
LARC Treasurer

Amateur Radio Helps Disabled Sailboat to Port

On September 7, 2022, Jeanne (Jan) Socrates, VE0JS/MM, and her sailboat, the SV Nereida, set sail from Cape Flattery, the northwesternmost point of the contiguous US. She was on her way to visit friends in San Francisco, but 2 days of 35 knot winds and storms left her sailboat disabled and her onboard radio equipment marginally operational. Amateur operators in New Mexico, California, and Canada, and members of Group 7.155 heard her requests for assistance.

Gil Gray, N2GG, was able to contact Socrates on 40 meters. "Her power was extremely low, and she was unable to communicate on 14.300 MHz to notify the monitoring group on that frequency," said Gray. "She needed help with wind and sea conditions, and tidal data for San Francisco Bay," he added.

"I wouldn't call it a rescue," said Socrates, "just good amateur radio assistance -- and I'm grateful for their help."

Socrates is 81 years old and the oldest person to have ever sailed around the world unassisted. Once her sailboat is repaired, she will sail again, not for records, but for the enjoyment of sailing the high seas.
 -- arrl news



Doreen Bogdan-Martin, KD2JTX, is Elected as Next ITU Secretary General

The International Telecommunication Union (ITU), the United Nations specialized agency for information and communication technologies, has announced the election of Doreen Bogdan-Martin of the United States of America as the next ITU Secretary-General. Bogdan-Martin will assume office on January 1, 2023. She is radio amateur; call sign KD2JTX.

The election took place during ITU's Plenipotentiary Conference (PP-22) in Bucharest, Romania, on Thursday, September 29, 2022. Bogdan-Martin won the position with 139 votes, out of 172 votes cast by representatives of Member States.

"This is an exciting development for ITU," said International Amateur Radio Union (IARU) President Tim Ellam, VE6SH. "...she will be the first female SG [Secretary General] and only the third to hold an amateur license. Doreen has an exciting agenda for ITU."

The US Department of State has published a statement from Bogdan-Martin, as well as her biography, and vision.

She will make an outstanding ITU Secretary-General and one IARU will be proud to work with on behalf of the Amateur Services," said Ellam.



POTAnauts Brad VE3MXJ and Barrie VA3BJI making *Parks On The Air* contacts from the parking lot at Sleeping Giant Provincial Park. Despite the cold day, 41 contacts were made. Photo by Leo VE3ATC.

Handbook 100: Hardcover Collector's Edition

To commemorate the 100th edition of The ARRL Handbook for Radio Communications, ARRL is offering a collector's edition – strikingly hardbound in a textured black finish with silver foil embossing. The collector's edition includes a special insert looking back across decades of content that built the reputation as a “must-have” for the radio experimenter.

Handbook 100 is by far the most extensively revised and expanded edition in recent years — including new and revised topics, content, and projects. It is written by radio amateurs who share their experience, learning, and discovery from across the state-of-the-art and emerging technologies. Each chapter is authored and edited by experts in the subject.

The ARRL Handbook strikes the perfect balance between comprehensive RF engineering reference and practical treatment of basic electronic fundamentals, circuit design and equipment construction, antennas, transmission lines, safe electrical, RF practices, and more.





October 2022

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13 LARC Meeting at CC Aviation Centre	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31 All Hal- lowed Eve (Hallowe'en) or Samhain.			Next exec meeting No- vember 3 rd	Next club meeting No- vember 10 th		

For Sale



The **Yaesu FT-980** is a deluxe HF transceiver covering 160 to 10 meters amateur bands in SSB, CW, FM and AM Modes. This radio features two independent receiver front ends. One is for general coverage receive from 150 kHz to 29.99999 MHz and the other for the amateur bands only. Seven JFETs are employed to provide extraordinary dynamic range. Ten VCOs are used over the local signal range to secure a low carrier-to-noise ratio. A three-step attenuator is provided to deal with the very strong signals. The triple conversion design incorporates four cascaded stages of IF filtering for all modes. Twelve memory channels are available. Using push-pull MRF422 final transistors, rated at 280 watts each, the transmitter coasts along at 100 watts output. Full break-in QSK is provided for CW operation.

This radio requires 100 to 120 VAC or 220 to 234 VAC 50 to 60 Hz. 380x165x465mm
17 kg.

Comes with hand mic and companion external speaker.

Eric Todd VE3XET 627-4270